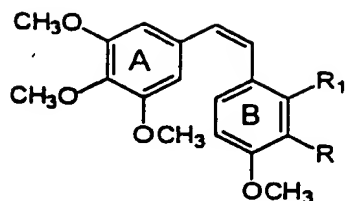


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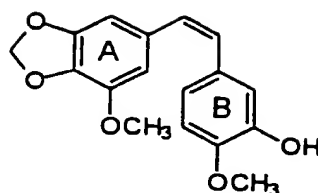
1a, R = OH, R<sub>1</sub> = OH  
Combretastatin A-1

1b, R = OH, R<sub>1</sub> = H  
Combretastatin A-4

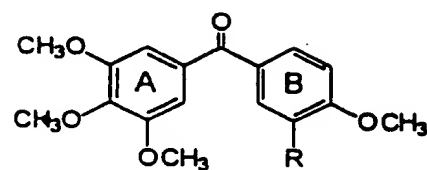
1c, R = OSi(CH<sub>3</sub>)<sub>2</sub>C(CH<sub>3</sub>)<sub>3</sub>, R<sub>1</sub> = H

1d, R = OPO<sub>3</sub>Na<sub>2</sub>, R<sub>1</sub> = H  
Combretastatin A-4 prodrug

1e, R = R<sub>1</sub> = H



2, Combretastatin A-2



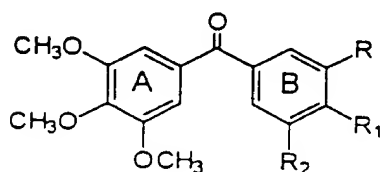
3a, R = OSi(CH<sub>3</sub>)<sub>2</sub>C(CH<sub>3</sub>)<sub>3</sub>

3b, R = OH, Phenstatin

3c, R = OPO<sub>3</sub>(C<sub>6</sub>H<sub>5</sub>CH<sub>2</sub>)<sub>2</sub>

3d, R = OPO<sub>3</sub>Na<sub>2</sub>  
Phenstatin prodrug

3e, R = OCOCH<sub>3</sub>



4a, R = H, R<sub>1</sub>, R<sub>2</sub> = OCH<sub>2</sub>O

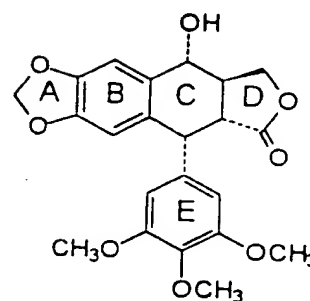
4b, R = R<sub>2</sub> = CH<sub>3</sub>, R<sub>1</sub> = H

4c, R = H, R<sub>1</sub> = R<sub>2</sub> = OCH<sub>3</sub>

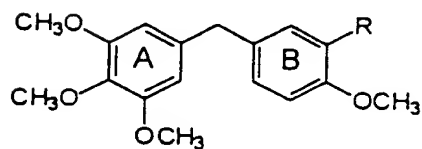
4d, R = R<sub>2</sub> = OCH<sub>3</sub>, R<sub>1</sub> = H

4e, R = R<sub>2</sub> = Cl, R<sub>1</sub> = H

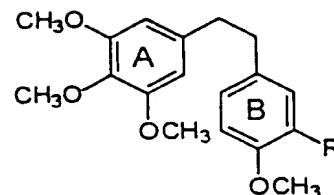
4f, R = R<sub>2</sub> = F, R<sub>1</sub> = H



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7a, R = OH



8a, R = OH

8b, R = H

Figure 1

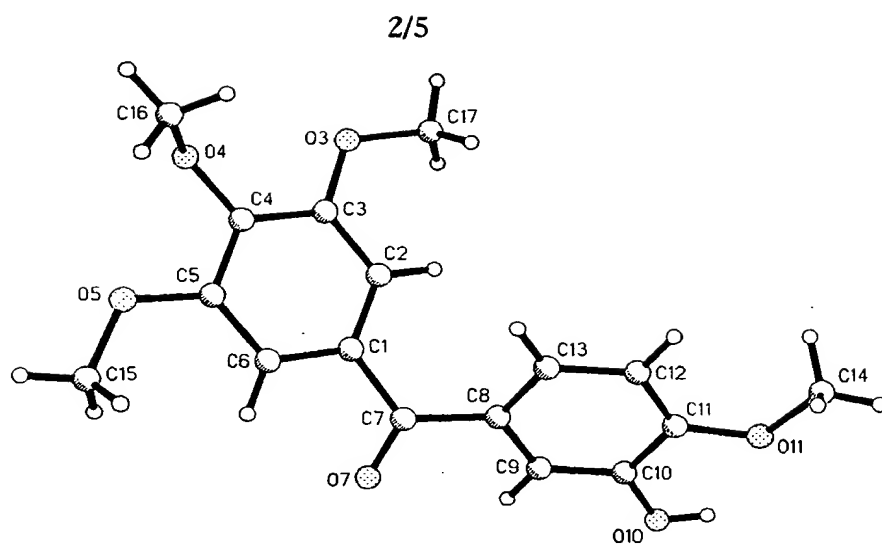
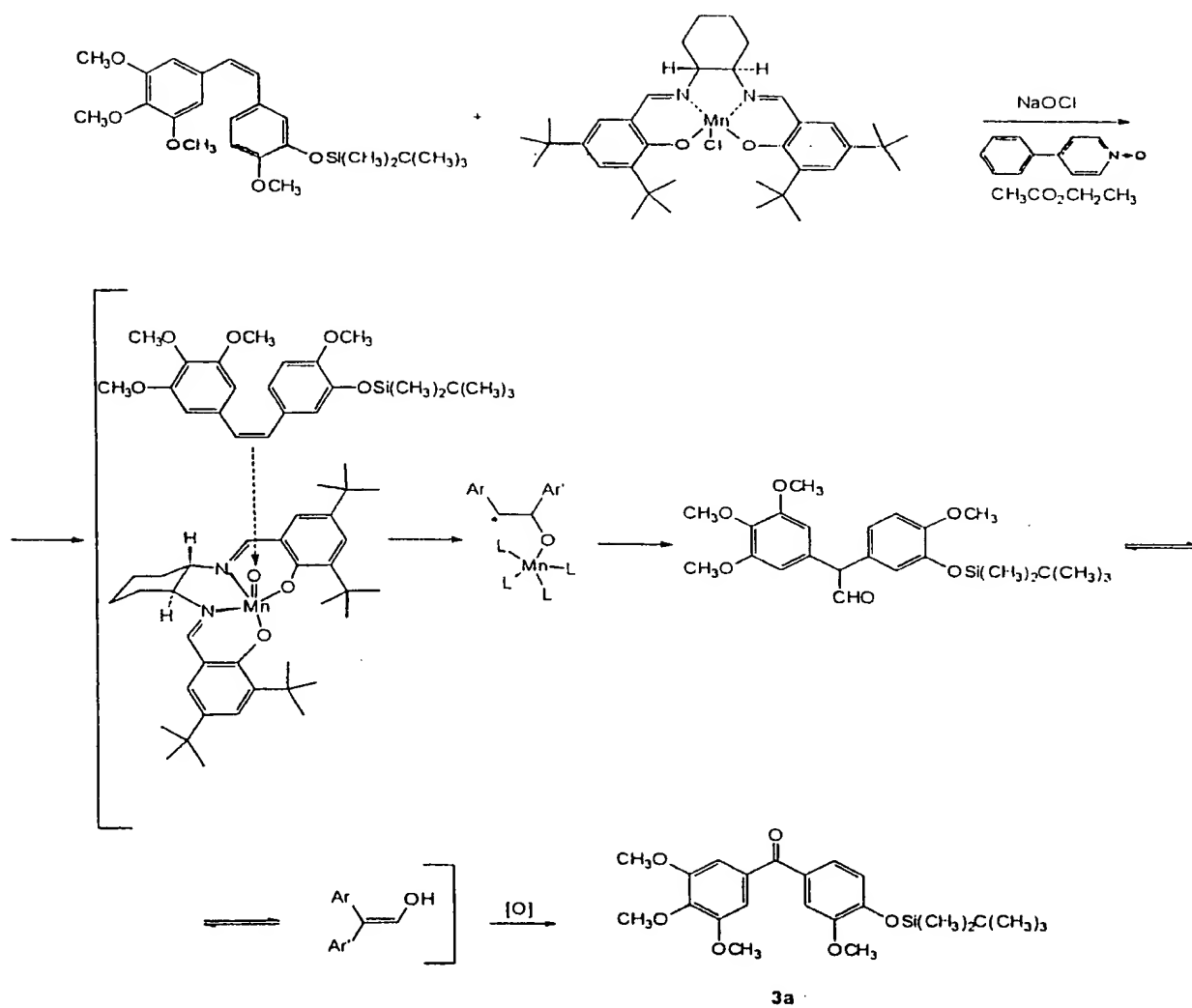


Figure 2.

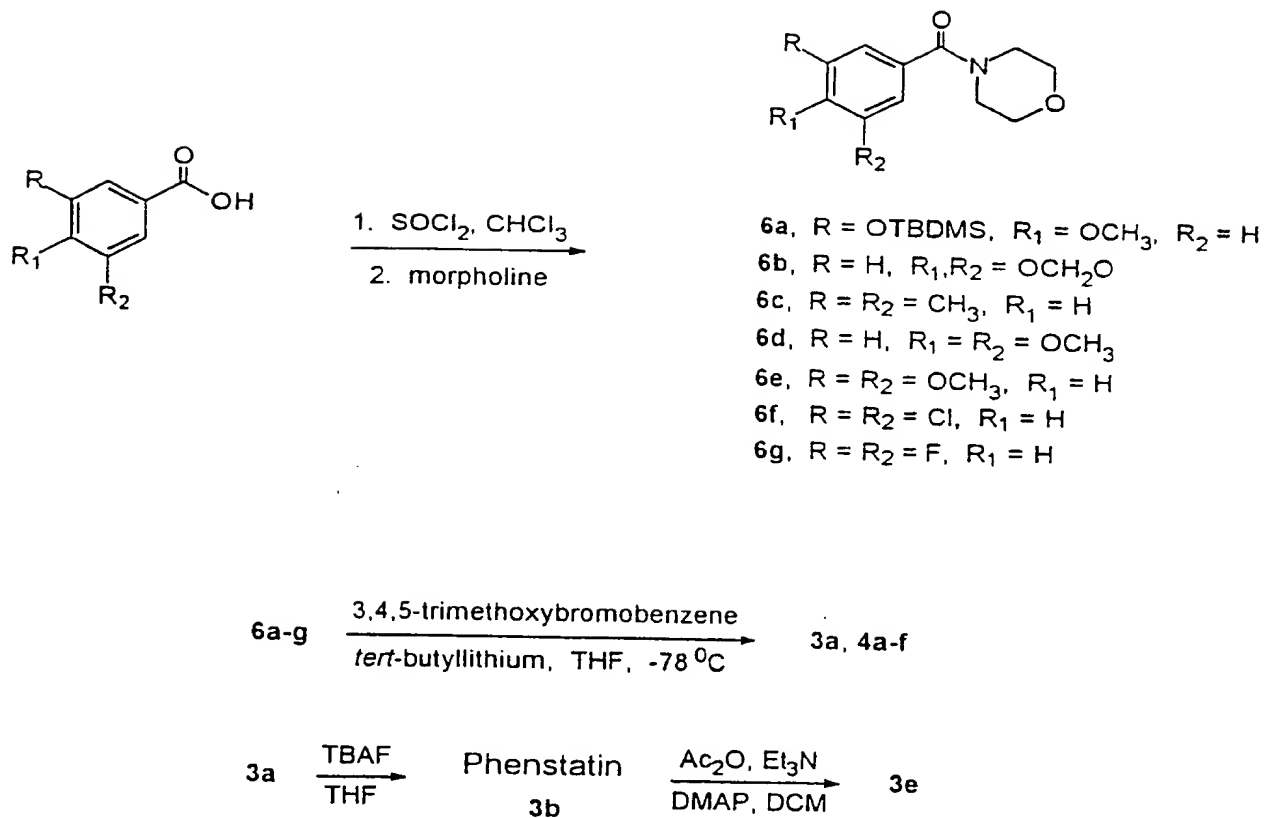
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Scheme 1. Oxidation of Combretastatin A-4 silyl ether (1c) to phenstatin silyl ether (3a).

Figure 3.

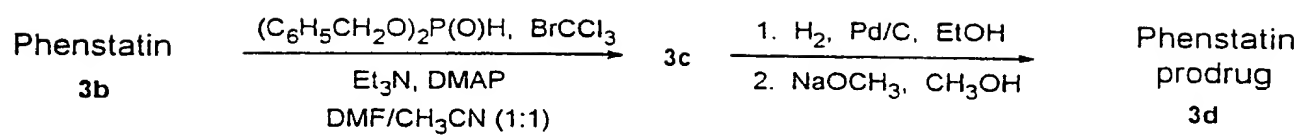
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Scheme 2

Figure 4.

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Scheme 3

Figure 5.